

REMARKS

Applicants thank the Examiner for the telephone discussion on April 8, 2004.

Applicants have cancelled claims 26-30 without prejudice.

Applicants have amended claims 19-23 to improve their form and to specify that the chemical entities comprise a phosphate or phosphate surrogate, or comprise a hydrophobic core and a linker that projects a hydrophobic moiety capable of making Van der Waals contacts with calcineurin residues. Support for these amendments can be found throughout the application as originally filed, for example, in Example 5.

Applicants have amended claim 25 to depend from amended claims 19-24 and recite the additional steps of contacting a selected chemical entity to a molecule or molecular complex and subsequently monitoring the association of the molecule or molecular complex with the chemical entity. Support for this amendment can be found throughout the specification as originally filed in, for example, page 20, lines 13-16; and Examples 6 and 7.

Applicants have amended claim 32 to depend from claim 23 and to delete step c), accordingly. Applicants have amended claims 33 and 34 to depend from claims 19-22.

Applicants have added claims 35 and 36 to recite additional embodiments. Support for these additional claims can be found throughout the application as originally filed on, for example, page 17, line 20 to page 18, line 3; page 18, lines 7-15; page 19, lines 15-23; page 19, line 24 to page 20, line 6; page 20, lines 17-22; page 22, lines 30-33; and Example 5.

Applicants have added claims 37-39 to add independent claims which incorporate the steps of claim 31 in pending claims 19-22, respectively. Applicants have added claim 40 to incorporate the steps of amended claim 32 in pending claim 23. Applicants have also added dependent claims 41-44 which correspond to the subject matter in claims 33-36, respectively.

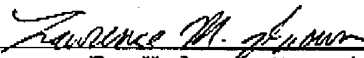
Applicants have added claims 45-50 to recite additional embodiments. Support for these additional claims can be found throughout the application as originally filed on, for example, on page 42, lines 8-33.

None of these amendments introduces new matter.

CONCLUSION

Applicants request that the Examiner enter the foregoing amendments and allow the pending claims. To expedite prosecution, the Examiner is invited to telephone the undersigned to discuss any matter that may be resolved over the telephone.

Respectfully submitted,



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